

METHOD AND SYSTEM FOR PROCESSING DIRECTORY EVENTS

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ABSTRACT OF THE DISCLOSURE

A directory event system for providing timely event notifications of each data manipulation of a master directory database and for providing timely event notifications of each corresponding data replication to a replicate directory database is disclosed. The directory event system includes an event master server, one or more event service servers, and one or more event client servers. For an event client server having directory clients in electrical communication with the master directory database, the event master server provides an event notification to the event client server in response to a data manipulation of the master directory database by a directory service provider server. The master directory clients can immediately poll the master directory database for the manipulated data upon receipt of an event notification from the event client server. For an event client server having directory clients in electrical communication with the replicate directory database, the event master server provides an event message to an event service server in response to the data manipulation of the master directory database by the directory service provider server.

The event message includes the event notification and the sequence number, and the event service server provides the event notification to the event client server upon a replication of the sequence number within the replicate directory database. The replicate directory clients can poll the replicate directory database for the manipulated data upon receipt of the event notification from the event client server.